



The Development of Combat Power and Efficiency

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Through the Many Facets of Aerospace Medicine

311th HSW wins fifth Outstanding Unit Award

By Rudy Purificato

311th Human Systems Wing

Lt. Gen. William Looney's prophecy about the 311th Human Systems Wing adding to its string of outstanding achievements has come true with HSW earning an unprecedented fifth consecutive Air Force Outstanding Unit Award.

The Aeronautical Systems Center commander made the correct prediction last year here during the award ceremony when he said, "This is the fourth year in a row that the 311th has been recognized. I've heard about three-peats, but I'm confident there'll be a five-peat here."

The 311th HSW first won the award in 2000, thanks to its then commander Brig. Gen. Lloyd Dodd who believed the Wing made significant contributions to compete for the honor. Up until that time, the 311th had not competed for the award since becoming a Wing in 1998.

Inaugurated by the Secretary of the Air Force on Jan. 6, 1954, the Air Force Outstanding Unit Award is presented annually for outstanding meritorious service or outstanding achievement that clearly sets a unit above and apart from similar units. "It's the highest peacetime award that recognizes (military) unit achievement," said Rick Crawford, Air Force Materiel Command's Military Awards and Decorations manager. Mr. Crawford noted that within AFMC only 10 percent of air base wings receive this award.

"The Air Force Outstanding Unit Award is not easily earned or readily given and for the 311th to win it five times in a row, is unprecedented," said Brig. Gen. Tom Travis, commander of the 311th Human Systems Wing. "This award is a true testament to the outstanding work done by everyone in the 311th. In fact, it is a testament to the great work done by the whole Brooks team and that our relevance and importance to the security of this country have never been made more visible and clear. I am extremely proud to serve on this outstanding Air Force team."

HSW won its fifth award on the strength of its contributions to force health protection, aeromedical and expeditionary training and human systems acquisition and integration. Among the highlights cited in the award package was the Wing's contributions to the testing and fielding of the Joint Biological Agent Identification and Diagnostic System (JBAIDS) that is an advanced detection device, homeland security support of the Silent Guardian project that provided unparalleled Epidemic Outbreak Surveillance for the 2005 Presidential Inauguration, and global support in partnership with the United Nations for developing worldwide pilot laser eye protection standards.

PONY UP, COWGIRL!



Photo by Staff Sgt. Alfonso Ramirez Jr.

A young child enjoys a pony ride at the annual base picnic, held June 10. The event offered several activities for both children and adults and was a huge success.

Implementation dates adjusted for personnel system

By Ed Shannon

311th Human Systems Wing/Public Affairs

Department of Defense officials recently announced adjustments to the previously proposed implementation dates for the National Security Personnel System. The changes affect Brooks City-Base employees, said Brooks NSPS officials.

The Labor Relations System, previously proposed for deployment in July 2005, is now planned to be effective for all bargaining unit employees, including employees assigned at Brooks, in September 2005.

ber 2005.

The Human Resources System will be launched in phases. The General Schedule (GS) and General Manager (GM) employees at Brooks, except employees assigned to the Air Force Research Laboratory and the Air Force Audit Agency, are still scheduled to transition in the second increment under Spiral One. Previously, the projected date to transition these employees to NSPS was January 2006. Transition timeframe for these employees is now projected for March/April 2006.

The projected transition dates have not changed for the rest of the Brooks City-Base workforce. The Federal Wage System employees are still projected for conversion in January 2008.

Other civilian employees, not covered by current legislative authority, which includes Air Force Research Laboratory employees and employees in the GG and AD pay plans, are tentatively scheduled for conversion in the July 2008 time period.

Ms. Cynthia Sanders, Brooks NSPS Implementation Project Manager stated

that publication of the revised regulations in the Federal Register is anticipated to occur later this summer. She stressed that "the implementation team is committed to keeping the workforce informed," and that employees will hear more information about the new system once final regulations are released.

In the meantime, she encourages employees to visit the NSPS homepage at <https://www.brooks.af.mil/>, and click on the "National Security Personnel System," under Community Links for more information.

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ON THE CUTTING EDGE

Award-winning writer Rudy Purificato kicks off a new comprehensive aerospace medicine series that focuses on the impact Air Force vision and ingenuity have had in the development of lifesaving scientific advances and innovations — Page 15

SAFE DRIVING REMINDER

Brooks Development Authority Security is responsible for and tracks traffic violators on Brooks City-Base streets and, more specifically, drivers who exceed the speed limit. This information is forwarded to commanders for action as appropriate and briefed to the wing commander. The speed limit on Brooks is 30 m.p.h. unless otherwise posted.

The message for everyone on base is —
PLEASE DO NOT SPEED AND OBEY ALL TRAFFIC LAWS



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Go to <http://www.brooks.af.mil/HSW/PA/discovery>

Commander's AFMC birthday message

By General Martin

Commander, Air Force Materiel Command

On a muggy, hazy July 1, 1992, then-Secretary of the Air Force Donald B. Rice and other Air Force leaders gathered on a stage outside the National Museum of the United States Air Force. Just days before, the flags of Air Force Logistics Command and Air Force Systems Command had been furled as both commands were inactivated.

But on this day, a new flag was unfurled and a new command was born; Air Force Materiel Command, built on the best practices and traditions of AFLC and AFSC. Its mission: to provide the Air Force with a single command responsible for cradle to grave management of research and development, acquisition, test and sustainment.

And now, as we celebrate our 13th birthday, every one of the nearly 80,000 people of this great command can look back and be extremely proud of AFMC's accomplishments. Thanks to the men and women of AFMC, our Air Force is by far the best air and space force in the world. AFMC has made sure our Air Force

has the best aircraft, missiles, munitions and command and control systems. As we continue to fight the Global War on Terrorism, our commitment to provide the latest and best capabilities to America's warfighters remains paramount.

The AFMC of today may be only 13 years old, but our mission has been constant for 88 years. It all began in 1917 when the equipment division of the U.S. Army Signal Corps established a headquarters for its new airplane engineering department at McCook Field in Dayton, Ohio. Over the years, the mission grew and changed as research, development and logistics were assigned to different organizations. But the commitment and dedication to the mission has never wavered. It continues in AFMC today and will power our Air Force for decades to come.

I am proud of our command and especially proud of our people, military and Air Force civilians, who continue a tradition that began just a few years after the Wright Brothers made their storied first flight. Our people have made AFMC what it is today, a world-class organization delivering war-winning capabilities on time, on cost. Happy birthday AFMC.

Pride and patriotism on parade

By Gerald Sonnenberg

AF Communications Agency PA — Scott Air Force Base, Ill.

On May 30, I participated in my first Memorial Day parade as an Air Force Reserve noncommissioned officer. For people like me, who find it difficult to walk away from active duty and the uniform, the Reserve is a good fit, and participating in parades is an added benefit.

Over the last decade, it has become a tradition for 932nd Airlift Wing members here to march in holiday parades during the scorching summer and chilly fall months to unfurl an oversized American flag over asphalt streets in St. Louis and Belleville, Ill.

Typically, the public affairs person takes photos. But occasionally, there is a shortage of people to carry the banners. On this day, we needed 10 people for our 15-foot by 30-foot flag, and we only had nine. Therefore, I took my place on the front left corner of the formation.

I was happy my 11-year-old son Ben was with me. He was going to assist me with photography support, and it was time that we could spend together during the long holiday weekend. However, he was surprised and proud to be suddenly promoted to official Air Force photographer for the day. After a few instructions from me, our formation moved forward. Ben marched alongside me, periodically moving in front of us by 20 or 30 yards to snap a picture or two. It was humid, and it didn't take long for the sweat to start trickling down my face.

As reservists, we shed our civilian personas for the most part when we put on the uniform. All of the years of military experience come flooding back, and it only takes a moment or two to regain that military bearing drilled into all of us.

As we moved up the street, people sitting along the sidewalks to watch the parade began standing. Veterans wearing their VFW caps, as well as their old uniform issue garrison caps stood at attention and rendered salutes as we began to pass by, while civilians placed

their hands over their hearts. Many people applauded. A few praised us with words as we went by. My son marched in step with us and watched in amazement as this went on.

My wife, who is an Air Force retiree, and I have taught all three of our sons to show respect for the flag and what it stands for. They take their hats off during the playing of the national anthem at ball games with their hands over their hearts. This was the first time Ben had seen real patriotism in action from this point of view.

It was enough to make me feel a sense of pride and warmth in my heart. However, what affected me most was one phrase that wasn't shouted, but uttered with a calming strength that made shivers run down my spine.

Though meant for all of us, the words "Thank you" pierced all of the other sounds of applause, shouting, and marching bands and came to me like an idea suddenly awakened in the back of my head that was itching to see the light of day. The words echoed inside, and the real meaning of what we were doing there at that day and time, sweating in the morning sunlight, revealed itself in a way that some of us had forgotten.

Those people, young and old, veterans and non-veterans, depend on us — reservists, guardsmen, and active duty — for protection of themselves and their rights as Americans. The aged veterans saluting along the roadside see us as carrying on the torch of freedom when they are no longer able and when others have fallen in its defense.

We reached the end of the parade at Belleville's Walnut Hill Cemetery in front of the graves of servicemen and monuments dating back to the American Civil War. We folded the flag, saluted, and went our separate ways back to our cars.

I carried the large, folded flag under my left arm as Ben and I walked past the crowds of people heading home. We smiled as we kept hearing "thank you" as we walked. And before I could say anything, Ben, with a twinkle in his eye and a chest swollen with pride, replied to them, "You're welcome."

Board games or 'bored' games?

By Kendahl Johnson

Discovery editor

In this issue's edition of "A Look at Brooks," we asked several readers what their favorite board game is and why (page 18). While the answers didn't surprise me, I realized that people are playing the same old, tired board games they have been playing for decades.

Monopoly, Risk and Clue are great games, even classics. But these games no longer hold any appeal to me, unless perhaps I am seeking some nostalgia. There are two reasons that I can no longer sit down and play any

of the usual suspects. The first reason is that they are simply just played out. I have played more games of Monopoly and Risk than I care to admit and the fun factor is gone.

But the second reason and main reason is that I have discovered a new world of board games — better, more fun games. Many of these games have been imported from Europe, specifically Germany. In the coming issues, I will introduce you to some these new games — games you've never heard of that will knock your socks off — so that the next time Uncle Fred pulls Clue off the shelf, you will have an alternative to boredom.



Volunteers fly ‘greatest generation’ to see their memorial

by Rudi Williams
American Forces Press Service

Thousands of visitors have come to the National World War II Memorial in Washington, D.C. since it opened last year. But the miles between the memorial and the ever-dwindling, increasingly frail ranks of World War II veterans make it difficult for many members of “The Greatest Generation” to make the pilgrimage to the nation’s long-overdue tribute to their service.

“We’re old, can’t remember everything, and (are) about ready to die,” said Alvin Ragland of Urbana, Ohio, who was able to see the memorial June 11 thanks to the honor flight program of the aero club at Wright-Patterson Air Force Base, Ohio. “I’m a veteran of World War II and I’m 85 years old, and I never had anybody treat me any nicer than the honor flight. It’s the best thing that ever happened to me.”

Mr. Ragland was among 14 World War II veterans and one Vietnam War veteran who were flown aboard eight small, light airplanes from Ohio’s Springfield-Beckley Municipal Airport to Manassas (Va.) Regional Airport and driven to the memorial on the Washington Mall in a stretch Hummer to see the memorial that is dedicated to honor their sacrifices.

Honor flight was conceived by retired Air Force Capt. Earl Morse, a physician assistant, to honor veterans he has taken care of the past 27 years. All of the pilots and co-pilots donated their time, and the veterans were flown free of charge.

Mr. Ragland said he was overwhelmed by the generosity and kindness of everyone involved in his trip to the memorial. Pointing his finger at Captain Morse, Mr.

Ragland said, “Here’s a man who loves us veterans enough that he doesn’t charge us a dime — you can’t pay him for nothing! The government don’t even give me nothing free.

“If you want to help the veterans out who made it possible for you and me to be talking here today, help this man help the veterans to come to see what they fought for,” he said.

Mr. Ragland said he had seen pictures of the memorial, “but you can’t believe it until you see it.

“This is something for the World War II veterans,” he said proudly. “You can see how the people love the veterans by the people here, can’t you? These people here either had a grandpa, daddy, uncle or somebody in the war — 16 million of us, but we’re going away — fast.”

Captain Morse said he thought of flying disadvantaged World War II veterans from Ohio to Washington because they could not afford to pay for the trip. Therefore, he said, they would never see the memorial that honors their sacrifices unless they were flown to Washington free of charge.

“I was growing tired of watching my World War II veterans die without ever seeing their memorial,” he said.

He approached his father, who is a Vietnam veteran, and suggested renting a plane to fly to Washington so he could see the Vietnam Veterans Memorial.

“And, I said, ‘Let’s put some World War II veterans with us who would never see their memorial if we don’t (take them),’” Captain Morse said. “He agreed to that, and that’s what got the whole ball rolling.

“We did the first flight on May 21 this year with 12 World War II veterans

aboard seven aircraft,” he said. “Today we’re flying out 14 World War II veterans and one Vietnam veteran, who is my father.”

His father, Erlis Morse, 71, is a retired Air Force staff sergeant who served in Da Nang, Vietnam, 1968 to 1969. Captain Morse said the flights are financed solely by individual donations.

“We don’t have any government or corporate sponsorship,” he said. “Prob-

ably the biggest donors are the people you see out here today, which are our pilots. The pilots are renting these aircraft, paying for the entire aircraft rental fee, which ranges between \$400 and \$750 per day to fly World War II veterans out here.”

The last honor flight this year will take place in October, and the program will resume in April because of dwindling daylight hours and cold weather at the outdoor memorial.

BROOKS HONOR GUARD



Photo courtesy 2nd Lt. Jonathan Green

Members of the Brooks City-Base Honor Guard presented the colors at game one of the NBA Championships at the SBC center. Pictured with ESPN analyst David Aldrich (center) are (front row) Airman Robert Brotz, Staff Sgt. Jesson Pareja, Staff Sgt. Kimberly Parks and (back row) 2nd Lt. Jonathan Green, Staff Sgt. Robert George, Airman 1st Class Brian Braley and Senior Airman Jonathan Lanning.



Air Force Research Laboratory commander pins on second star

By Rudy Purificato
311th Human Systems Wing

Maj. Gen. Perry Lamy pinned on his second star as Air Force Research Laboratory commander during a June 1 private family ceremony at Wright-Patterson Air Force Base, Ohio.

The Manchester, N.H. native became the AFRL commander a year ago after previously serving as Air Force Materiel Command's Director of Operations.

Since June 2004, General Lamy has commanded a 9,500-member organization that includes the 200-member Detachment 5 at Brooks City-Base that is part of AFRL's Human Effectiveness Directorate. His AFRL command responsibilities include directing the Air Force's \$1.8 bil-

lion science and technology budget in concert with a \$1.7 billion budget that supports laboratory customers.

Upon completion of a bachelor's degree in aeronautical engineering from the U.S. Air Force Academy, General Lamy was commissioned in June 1975. He later earned master's degrees in business management and computer science from Central Michigan University and the University of Idaho, respectively. He also became a command test pilot, accumulating 3,700 flying hours in a variety of aircraft including the B-1, B-2, B-52G, F-111 and T-37.

Among assignments that contributed to his promotion to Brigadier General in August 2001 were tours in strategic bomber operations, flight testing and weapon systems acquisitions.



Photo by Michael Libecap

Maj. Gen. Perry Lamy (right), Air Force Research Laboratory Commander, received his second star during a promotion ceremony June 1. Gen. Gregory Martin, Commander, Air Force Materiel Command, administered the Oath of Office.



Things to do around Brooks

OUTDOOR RECREATION

Bldg. 1154, 536-2881

The Family Camp is a very secluded and quiet place where travelers like to stay for a few days, weeks or months. The camp is located on the southwestern corner of the base. There is a “catch and release” fishing pond where anglers can relax and practice their sport. Accommodations also include the use of a bath house and restrooms located in Bldg. 1194. Full camper hookups are \$10 per day and include sewer, water and electricity. Partial camper hookups are \$8 per day and include water and electricity.

Outdoor Recreation has three party pavilions available for use. Pavilion #1 rents for \$35 per day and Pavilion #2 is \$30 per day. They are located in the park with playground area, basketball and volleyball courts. Pavilion #1 has a large BBQ pit for your functions. Pavilion #3 rents for \$25 per day and is located adjacent to base swimming pool. All pavilions have access to restrooms. These

are a great location for birthday parties, family reunions, official functions and just to get together with friends.

SYDNEY’S

Bldg. 714, 536-2077

Are you aware that active duty military, retired military, DoD civilians, NAF employees, tenant units and contractors assigned to Brooks City-Base may dine at Sidney’s? Our hours of operation are:

Breakfast:

Monday to Friday — 5:45 to 7:30 a.m.

Continental Breakfast:

Weekends/holidays — 8 to 10 a.m.

Lunch: Weekly — 10:45 a.m. to 1 p.m.

Dinner: Weekly — 4 to 6 p.m.

Enjoy the following buffets:

Mondays — American Buffet

Tuesdays — Italian Buffet

Wednesdays — Oriental Buffet

Thursday — Mexican Buffet

Friday — Seafood and Country Buffet

A sandwich bar is available in the lounge every Tuesday and Thursday. Create your own sandwich by selecting from ham, turkey, pastrami or roast beef with all the trimmings.

YOUTH PROGRAMS CENTER

Bldg. 470, 536-2515

The Youth Programs Center is sponsoring summer day camps through August 12 every Monday through Friday. The day camp is free of charge and is open to children ages five through 12. The day camp runs from 6:45 a.m. to 5 p.m. daily. Activities for the summer include swimming, arts and crafts, computer time, dance pads, sewing and cooking activi-

ties, field trips, playground sports, board games, gardening, guest speakers and much more. Breakfast, lunch and snacks will be provided. There is no cost for the day camp. For more information, contact the YPC

BASE LIBRARY

Bldg. 705, 536-2634

Although summer is generally a time for swimming, barbecuing, fishing, camping and other outdoor activities, it’s often nice to beat the heat by retreating to the air conditioned home for some good summer reading. The base library offers many excellent reading choices, including several new releases. Check out the library’s latest books:

— Act of War by Dale Brown, Dance of Death by Douglas Preston, Devil’s Corner by Lisa Scottoline, 4th of July by James Patterson, Autobiography of Medgar Evers by Medgar Wiley Evers, Freakonomics by Steven Levitt, You, The Owner’s Manual by Michael Roizen, On Bull... by Harry Frankfurt, Honeymoon by James Patterson, Marriage Most Scandalous by Johanna Lindsay, Velocity by Dean Koontz and Countdown by Iris Johansen.

Also, all are invited to join “Miss Becky” for story hour. Children ages 2 and 3 meet

every Monday at 2:30 p.m., while children ages 4 through 6 meet every Wednesday at 2:30 p.m.

GOLF COURSE

Bldg. 821, 536-2636

Project CHEER will sponsor a Night Golf Scramble and steak cookout June 24 at 8 p.m. at the golf course. The event is free for E-4s and below and costs \$10 for all others. All equipment will be provided, but the event is limited to 25 players.

SWIMMING POOL

Bldg. 821, 536-2636

The pool is now open and available for base use. Open swim hours are from 1 to 7 p.m. Monday through Thursday and 11 a.m. to 6 p.m. weekends and holidays. Pool passes are \$10 each with a \$50 maximum per family. Swimmers can purchase a day pass for \$1.50. Passes may be purchased at the fitness center or pool. The pool is also available for group parties, which can be scheduled through the head lifeguard. The pool will offer swim lessons to both toddlers and beginning/intermediate swimmers. There are two remaining sessions for lessons — June 18-28 and June 27 through July 7.



There’s no quitting in the Air Force

By Master Sgt.
John Lasky
Air Force Print
News

An Airman candidate stood up and said, “I quit.” Almost before he could finish speaking, three staff sergeants were in his face barking like trained attack dogs. “You can’t quit!” they yelled. “We decide who’s quitting, and you’re not quitting! Ain’t no such thing as quitting.”

The confrontation took place when the Airman was processing into the Ramstein Area Motivational Program. Commanders use this 30-day program at Ramstein Air Base, Germany, to “reblue” airmen basics through staff sergeants, whose attitude or behavior has deteriorated, resulting in nonjudicial punishment under Article 15 of the Uniform Code of Military Justice.

The candidates should not quit the program, program officials said. They are there because the Air Force, their commander and supervisor have not given up on them, said Staff Sgt. Joseph Gallina, noncommissioned officer in charge of the program.

“One of the hardest parts of my job is trying to convince candidates that, by their being sent here, their commanders see something in them worth retaining and that there’s more to (the program) than what happens during Day 1,” he said. “It normally takes 14 days before a candidate sees that he or she is getting a second chance and that being here is a good thing.”

The program “is like a ‘welcome back to the Air Force’ when, for some reason, the core values get set aside,” said Mas-



Photo by Master Sgt. John E. Lasky
Staff Sgt. Mike Bowles struggles to understand a candidate during inprocessing at Ramstein's Area Motivational Program. This 30-day program is used by commanders to “reblue” airmen basics through staff sergeants, whose attitude or behavior has deteriorated, resulting in nonjudicial punishment.

ter Sgt. Maury Turner of the 52nd Equipment Maintenance Squadron at nearby Spangdahlem Air Base. Airmen in his unit went through the program, which is available to all bases within U.S. Air Forces in Europe.

Inprocessing is “pretty much a three hour butt chewing,” Sergeant Gallina said. The whole point is to get candidates to admit to their wrongdoing and make them just a bit more “compliant,” he said.

“We have to make them realize that they did something wrong or they’ll just go through the motions for 30 days and leave not gaining anything out of their time here,” said Staff Sgt. Mike Bowles of the program’s cadre.

There is a person with the program on duty around the clock. Sergeant Gallina has four helpers, all on loan for 120 days from base units.

Staff Sgt. Bradley Walters, of the 435th Communications Squadron here, has just completed 60 days as part of the cadre with Sergeant Bowles, who is assigned to the 435th Vehicle Readiness Squadron here.

“I saw this, first, as an opportunity to help Airmen get on the right track and back on the job,” Sergeant Walters said. If that

does not work, he said then maybe he can help “stop them from wasting the Air Force’s time.”

While not everyone who goes through the program will leave “reblued,” it has had good results. In 2004, 61 Airmen completed the program. Of those, 47 Airmen went back to their units remotivated and 31 received outstanding results, program officials said.

The cadre runs a tight ship. Their schedule starts with a 4:45 a.m. wake up and ends with lights out at 9 p.m.

A usual day entails reveille and retreat, room and uniform inspections, and facility and base details. But there are plenty of academics, too, covering topics such as life management, anger and stress management and, of course, core values.

On one desk sits a blue brick. Stenciled on it in white letters are the Air Force core values: integrity first, service before self, and excellence in all we do. The brick is used to remind candidates of those values.

Sergeant Bowles told one candidate, “You’ll carry this (brick) with you to remind you that the core values are not to be taken lightly. I know that they always weigh heavy on my mind.”

Top runners to participate in Air Force Marathon

By Brett Turner
88th Air Base Wing Public Affairs

Two of the top distance runners of all time will be part of the ninth annual U.S. Air Force Marathon in September.

Bill Rodgers and Alberto Salazar became running legends in the 1970s and 1980s before the cable television explosion brought new exposure to athletes.

Both will conduct separate free running clinics and sign autographs at the marathon sports and fitness expo Sept. 16 during the afternoon. The clinics will be at Wright State University’s Ervin J. Nutter Center in Dayton, Ohio. The pair also will be keynote speakers at the pre-race pasta dinner at 6 p.m. the same day.

The U. S. Air Force Marathon will be Sept. 17 near the National Museum of the U. S. Air Force at Wright-Patterson Air Force Base. Opening ceremonies will be at 7 a.m., with the race beginning at 7:30 a.m.

It will be the first visit to the Air Force Marathon for Mr. Rodgers and Mr. Salazar. Both said they are excited about this marathon which is gaining a reputation in the running world.

“You build a marathon gradually, so it will be fun for me to come out to (Daytona), running around a base and having the Wright brothers’ influence around me,” Mr. Rodgers said.

Mr. Salazar said he will enjoy being part of a military-based marathon, as he has family members in the military, including a brother who is a Navy aviator.

Mr. Rodgers was ranked the top marathon runner in the world for several years in the 1970s. He won the Boston Marathon in 1975 and from 1978 to 1980, as well as the New York Marathon from 1976 to 1979. He ran for the U.S. Olympic team in 1976 and holds five American records and one world record.

After a strong prep and college career, Mr. Salazar won his first New York Marathon in 1980 in the fastest marathon debut time in history at the time. The following year, he broke a 12-year world marathon record running the race in 2 hours, 8 minutes and 13 seconds.

Mr. Salazar also won what is considered the most memorable finish in Boston Marathon history in 1982. He fought a battle the final mile with Dick Beardsley — the guest speaker at last year’s pre-race pasta dinner — out-kicking him in the final stretch in what became known as the “Duel in the Sun.”

Mr. Salazar earned six U.S. records and one world record in his career. After a hiatus, he came back in 1994 to win the 53-mile Comrades Marathon, an ultramarathon race in South Africa.

Mr. Rodgers said he and Mr. Salazar have known each other since the latter’s high school days. Although not racing as much, both are active shoe company spokesmen, and they conduct clinics, work with runners and do speaking engagements throughout the year. Their clinics will cover all aspects of training.

“Running is a great way to keep fit. It has it all,” Mr. Rodgers said.

The Air Force Marathon has grown nearly every year since its debut in 1997. Mr. Rodgers and Mr. Salazar said that is a good sign.



BRIG. GEN. TOM TRAVIS
311th Human Systems
Wing commander

ACTION LINE

536-2222

The **COMMANDER'S ACTION LINE** is your opportunity to make Brooks a better place to live, work and play. If you have a suggestion for improvement, a complaint or a problem that you have not been able to resolve through normal complaint channels or the chain of command, call the **COMMANDER'S ACTION LINE, 536-2222**. Only items of general interest will be published, so please leave your name and number for a personal response.

The base agencies listed below can be contacted directly:

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311th Communications Squadron.....	536-6571	Military Pay.....	536-5778
311th Mission Support Group—		Civilian Pay.....	536-8370
Logistics Division.....	536-3541	Inspector General (FWA).....	536-2358
Safety.....	536-2111	Military Equal Opportunity.....	536-2584
Housing Maintenance.....	533-5900	EEO Complaints.....	536-3702
Housing Office.....	533-5905	Brooks Development Office.....	536-3655
311th Services Division.....	536-2545	Brooks City-Base Marketing and	
59th Medical Squadron (Clinic).....	536-4715	Development Office.....	536-5366
Military Personnel.....	536-1845		

Air Force Clubs offers college scholarships

By Gwendolyn Smalls
HQ Services Agency Marketing and Public Affairs

Air Force Clubs knows it takes more than ambition, good grades and great numbers on the Scholastic Assessment Test (SAT) to get into college these days.

That's why for the past several years, Clubs has been giving away money in its annual scholarship program.

"This will be our ninth year," said Alex Cruz, Clubs' Corporate Promotions Manager, HQ Air Force Services Agency. "We give away a total of \$25,000 we receive from MasterCard and Chase Bank, our sponsors."

According to Mr. Cruz, the scholarship program is a great benefit for Air Force Club members.

"While this is an exclusive club member program," he said. "Only club members and their family members are eligible. This includes spouse, son, daughter, stepson and stepdaughter. Grandchildren are also eligible, but only if they are dependents of the club member."

"Any staffs of ILV, [Services] Agency and MAJCOMs are not eligible," Mr. Cruz added.

Eligibility includes scholarship hopefuls who have been accepted by or are enrolled in an accredited college or university for the fall term as well as part or full-time students. Student enrollment status may involve either undergraduate or graduate curriculum.

Mr. Cruz says the scholarship program was started not only as a direct result of the raising costs of higher education, but as way to let club members know Air Force clubs are there for more than just eating and having good time.

"We want to help club members with the costs of higher education," said Mr. Cruz. "This is a way for the clubs to reward the current members."

Awarding of scholarship money is based on a written essay. Air Force Clubs Division selects a topic and each entrant is required to submit an essay of no more than 500 words. This requirement is strictly enforced. Essays exceeding 500 words are disqualified.

Participants' essay must be single-spaced, with double-spacing between paragraphs, on white bond paper and with one-inch margins. Essays are submitted to the base Services commander/division chief by July 15.

FAMILY SUPPORT CENTER

VA BENEFITS ASSISTANCE

Mondays — 9 a.m. - 1 p.m., Bldg. 537

A VA representative will be at Brooks weekly. Schedule an appointment to receive VA assistance in filling out your claims, screen medical records, or one-on-one consultations. A copy of one's medical records is required.

SMOOTH MOVE

June 21 — 12:30 - 3:15 p.m., Bldg. 537

PCSing? Hear briefings from TMO, Legal, Clinic, Finance, Housing, and the Family Support Center and ask questions. Open to all active duty members, DoD civilians and spouses. Overseas move has its own set of challenges and opportunities. Learn more about OCONUS PCS by staying after for the PCS Overseas class.

BLENDED FAMILIES SEMINAR

June 22 — 11 a.m. - 1 p.m., Bldg. 537

Blended families are not new, but they can present some unique household dynamics. If you are a member of a blended family, or considering the blended family experience, come join our discussion group and learn the following: strategies

on how to make it as a stepparent, how to nurture your couple relationship, get a clearer understanding of how your feelings are not unique, and how blended families impact the children plus more.

PRE-DEPLOYMENT BRIEFING

June 28 — 1 - 2 p.m., Bldg. 537

Mandatory briefing addresses issues pertaining to deployed service members and their families. Pre-deployment briefings are held the last Tuesday of the month. Appointments are necessary.

NINE STEPS TO FINANCIAL FREEDOM

June 29 — 1 - 2 p.m., Bldg. 537

This seminar will guide individuals through a step-by-step program proven to assist one in becoming debt-free and making wiser money choices in the future. This seminar is based on Suze Orman's book, "The Nine Steps to Financial Freedom."

REMINDER — SPONSORSHIP CDs

Please call the day before you need sponsor package. Do not copy old CD. It may not have current information. If you are sponsoring a member, please sign up for sponsor training.

Call 536-2444 to register



AFRL gives new meaning to 'battlebots'

By 1st Lt. Darrick Lee
90th Space Wing Public Affairs

F.E. WARREN AIR FORCE BASE, Wyo. — An unidentified man walks toward a security forces vehicle. A loud, firm voice warns the man to "halt and be identified." The man does not comply and continues to advance. The vehicle backs up cautiously flashing its red and blue lights to make sure the man knows he is dealing with security forces.

He continues his aggressive movement toward the patrol.

Suddenly, a blast of pepper spray hits the man. He falls to the ground, and security forces vehicle moves closer, keeping the suspect under observation ... until humans come to apprehend him.

This was the scenario here, when the Air Force Research Laboratory unveiled the remote, detection, challenge and response system recently. Officials from the laboratory at Wright-Patterson Air Force Base, Ohio, visited here to demonstrate how unmanned systems might conduct security forces missions.

The experiment integrated robotics into the day-to-day security forces mission, said Kevin Hodges, AFRL robotics program manager.

Two unmanned vehicles were displayed. One appeared to be a turbo-charged all-terrain vehicle; the other resembled a miniature tank. They were loaded with cameras and sensors, as well as robotic equipment needed to make them function without a human nearby. Both vehicles are designed to save lives by confronting adversaries and conducting surveillance, laboratory officials said.

Humans, like Airman 1st Class Tristan White, control the robots from remote locations. Technicians from the laboratory trained the 90th Security Forces Squadron Airman to use the robots for gathering accurate mission data.

"These systems are not intended to replace human interaction," Mr. Hodges said. "They remain under human control at all times and are designed to help our Airmen by keeping them out of harm's way. Our focus is saving lives."

Laboratory officials said they envision these types of robots providing perimeter defense for Air Force bases and forward-deployed units. Data gathered from the experiment here may be used to make that vision a reality, officials said.

Mr. Hodges said the robots provide an advantage for security forces by providing safe surveillance and forward presence without risking injury or loss of life.



Photo by 1st Lt. Darrick Lee

A robotic scout sprays simulated pepper spray at an aggressor demonstrating how remotely manned vehicles can conduct security forces missions here. The remote, detection, challenge and response system is an Air Force Research Laboratory initiative.

Airman missing from Vietnam War identified

WASHINGTON — The Department of Defense POW/Missing Personnel Office announced that the remains of an Airman, missing in action from the Vietnam War, have been identified and were returned to his family for burial at Arlington National Cemetery on June 10.

He is Col. James Carter of Johnson City, Tenn.

On Feb. 3, 1966, Colonel Carter was the aircraft commander of a C-123 Provider aircraft which had taken off from Khe Sanh in South Vietnam on a supply mission to Dong Ha, South Vietnam. The plane was not seen again, and searches along the flight route did not find a crash site.

Joint U.S. and Vietnamese teams investigated potential crash sites in Quang Tri Province on three occasions between 1993 and 1999. They

interviewed Vietnamese villagers who took them to three different crash sites. Only one of the sites revealed wreckage consistent with that of a C-123 aircraft. Several of the informants said that the bodies of the crew and passengers were buried near the site where the aircraft crashed into a mountain in 1966.

Specialists from the Joint POW/MIA Accounting Command conducted four excavations at the site between 2000 and 2003. During these excavations, they recovered human remains, personal effects and other debris. Laboratory analysis of the remains by forensic scientists at the command led to Colonel Carter's identification. Comparison of dental records with the recovered remains was a key factor in the identification.

Of the 88,000 Americans missing in action from all conflicts, 1,833 are from the Vietnam War, with 1,397 of those within Vietnam. Another 750 Americans have been accounted for in Southeast Asia since the end of the war. Of the Americans identified, 524 are from within Vietnam.

For additional information on the Defense Department's mission to account for missing Americans, visit the DPMO Web site at www.dtic.mil/dpmo.



Brooks City-Base nonjudicial punishments

The following nonjudicial punishment actions (Article 15, Uniform Code of Military Justice) and vacating suspension (probation) actions occurred on Brooks City-Base from March 1 through June 8:

Article 15s:
An airman basic from the United States Air Force School of Aerospace Medicine was punished under Article 15 for dereliction of duty for underage drinking and making a false official statement. Punishment consisted of seven days extra duties, forfeiture of \$150 pay and a reprimand.

An airman basic from USAFSAM was punished under Article 15 for underage drinking and making a false official statement. Punishment consisted of seven days extra duties, forfeiture of \$150 pay and a reprimand.

An airman basic from USAFSAM was punished under

Article 15 for dereliction of duty for underage drinking and making a false official statement. Punishment consisted of seven days extra duties, forfeiture of \$150 pay and a reprimand.

An airman first class from USAFSAM was punished under Article 15 for dereliction of duty by providing alcohol to minors and making a false official statement. Punishment consisted of a suspended reduction to the grade of E-2, 14 days extra duties, forfeiture of \$200 pay and a reprimand.

An airman first class from the Air Force Research Laboratory was punished under Article 15 for numerous failures to go to his appointed place of duty, dereliction of duty, unlawfully going from place of duty and other offenses that prejudiced good order and discipline. Punishment consisted of a suspended reduction to the grade of E-2, 30 days of correctional custody and a reprimand.

An airman from the AFRL was punished under Article 15 for making a false official statement, failing to go to the appointed place of duty and failing to obey a lawful order from a senior non-commissioned officer. Punishment consisted of reduction to the grade of E-1, 14 days restriction to Brooks City-Base, 14 days extra duties and a reprimand.

An airman basic from USAFSAM was punished under Article 15 for dereliction of duty for underage drinking, making a false official statement, planning an event where alcohol would be available to minors and providing alcohol to minors. Punishment consisted of 14 days extra duties, forfeiture of \$288 pay and a reprimand.

A staff sergeant from the 311th Mission Support Group was punished under Article 15 for dereliction of duty by using a government travel card for unauthorized expenses, failing to pay lawful debts and making false official

statements. Punishment consisted of reduction to the grade of E-4, seven days extra duties (suspended), forfeiture of \$200 pay and a reprimand.

A staff sergeant from USAFSAM was punished under Article 15 for being drunk and disorderly, failing to obey a lawful order from a senior NCO and making a false official statement. Punishment consisted of a suspended reduction to the grade of E-4, seven days extra duties, forfeiture of \$200 pay and a reprimand.

A staff sergeant from USAFSAM was punished under Article 15 for fleeing the scene of an accident. Punishment consisted of reduction to the grade

of E-4, 10 days extra duties and a reprimand.

Vacation Actions:
The punishment from a previous Article 15 of an airman first class from AFRL was vacated for failing to go to the appointed place of duty, failing to obey lawful orders and being derelict in the performance of duties. The action resulted in the member's reduction to the grade of E-2.

The punishment from a previous Article 15 of a senior airman from the 311th MSG was vacated for failing to pay lawful debts. The vacation action resulted in the member performing seven days extra duties.

— Submitted by Capt. Michael Felsen, 311 HSW/JA

Legal assistance available

If you need a power of attorney, will, or other legal assistance, please call the Brooks Legal Office at 536-3301. Legal assistance is available to active duty, dependents and retired military personnel. Our hours are the following: Tuesdays and Wednesdays from 8:30 to 11:30 a.m. by appointment and Thursdays from 1:30 to 2:45 p.m. for walk ins. The notary hours are the following: Tuesdays and Wednesdays from 8 to 11:30 a.m. and Mondays and Wednesdays from 1 to 3:30 p.m. If you have a short notice deployment or other emergency, please call or walk in to the Legal Office at any time.



FACE PAINTING



Photo by Staff Sgt. Alfonso Ramirez Jr.

A young member of the Brooks Youth Program sits patiently as his face is painted at the June 10 Base Picnic.

Programs aim to reduce military divorce rates

By Donna Miles

American Forces Press Service

Recognizing the stresses military life and multiple deployments put on families, officials are stepping up their efforts to help servicemembers strengthen their family relationships and avoid divorce courts.

A full range of outreach programs — from support groups for spouses of deployed troops to weekend retreats for military couples — aims to help military families endure the hardships that military life often imposes.

Specific service-by-service statistics about divorce rates within the military were not available, but Army rates give a snapshot of what are believed to be a militarywide trend.

Army officials reported 10,477 divorces among active-duty force in fiscal 2004, a number that has climbed steadily over the past five years. In fiscal 2003, the Army reported less than 7,500 divorces; in 2002, more than 7,000, and in 2001, about 5,600.

During the past two years, the divorce rate has been higher among Army officers than their enlisted counterparts, reversing the previous trend, officials said. In fiscal 2003, the Army reported almost 1,900 divorces among its 56,000 married officers. The following year, that number jumped to more than 3,300 — an increase of almost 1,500.

These statistics reflect a general trend in American society, said Army Chaplain (Col.) Glen Bloomstrom, director of ministry initiatives for the Army's chief of chaplains. Forty-five to 50 percent of all first marriages end in divorce nationwide, he said, and the failure rate is even higher for second marriages: 60 to 70 percent.

Divorce rates run even higher in specific occupations, particularly those that expose people to traumatic events and danger, as well as heavy

responsibilities and public scrutiny, Army officials said. Police officers, for example, face divorce rates averaging between 66 and 75 percent, they said.

Despite the nationwide trends, Chaplain Bloomstrom said that the numbers represent far more than just statistics.

"These are people we're talking about," he said. "When a marriage ends, it's the end of a dream."

The toll goes beyond the human side and affects military operations as well, he said. Servicemembers in happy marriages tend to be more focused on their jobs and less likely to have disciplinary problems, Chaplain Bloomstrom said. They are also more likely to remain in the military.

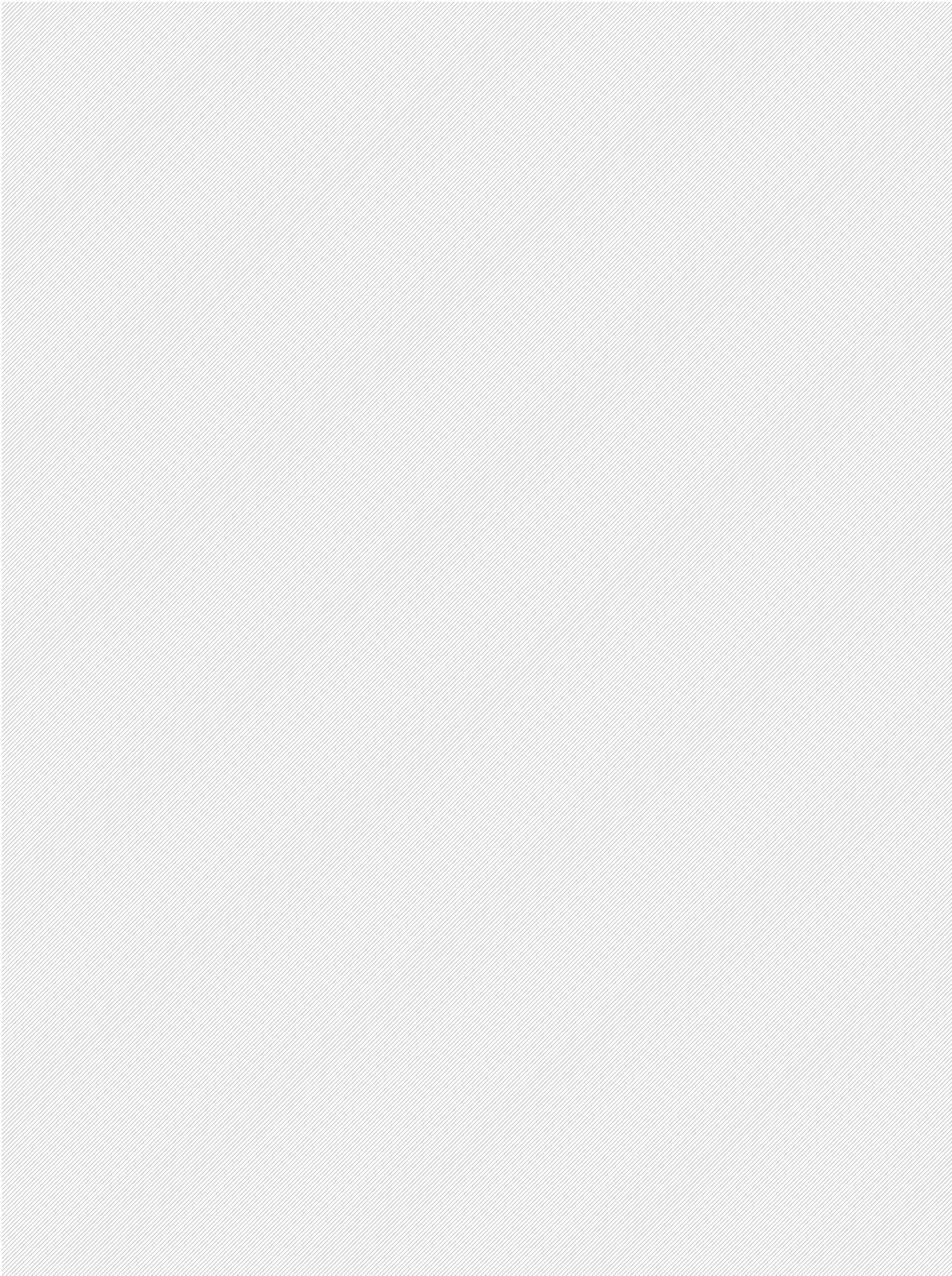
While the Air Force does not have servicewide marital support programs, Air Force officials said individual bases offer a wide variety of programs to support military families and help them through separations, deployments and the stresses relating to them. Programs are offered through family support, chaplain and mental-health counseling networks.

Chaplain Bloomstrom said he is optimistic about the emphasis the military services are putting on programs for married servicemembers.

The goal, he said, is to help couples recognize and address danger signs before they escalate.

Another objective is to help military couples get more satisfaction out of their marriages by injecting a healthy dose of "fun and friendship" that he said builds up their "emotional bank account."

"We're talking about investing in the relationship in the good times," he said. "That way, when you have to make a withdrawal — as you do during a deployment — you still have enough left in the bank to cover it."





ZUPKO



FULL NAME/RANK:
Senior Airman
Robert John Zupko II

DUTY TITLE, ORGANIZATION:
Air Force
Institute for Operational Health

IN SIMPLE TERMS,
WHAT DO YOU DO?:
I tell the computer how to do what
you want it to do.

BIRTHDAY:
August 21, 1984

HOMETOWN:
Colorado Springs, Colo.

FAMILY STATUS:
Single

PERSONAL MOTTO:
"Quis custodiet ipsos custodes?"
(Who is guarding the guards?)

INSPIRATION:
Nikola Tesla, a larger than life
electrical engineer that has been
lost to the annals of time.

HOBBIES:
Writing programs on the computer
(e.g. games and graphic demos),
and some computer artwork as
time permits.

PET PEEVE:
Computer spam

I JOINED THE MILITARY
BECAUSE:
A variety of reasons, including a
desire to see the world

FIVE-YEAR GOAL:
Finish my bachelors degree in
computer science, and also in
psychology.

ULTIMATE GOAL:
Receive a PhD, still not sure of
what major yet though, most likely
computer science.

IF I WON THE LOTTERY I'D:
Put part of the money in savings
for education and a house, and
give most of it to charity.

FAVORITE MUSIC:
Depends on the mood I'm in, it
ranges from classical to rock to
Japanese music.

AFIOH's computer genius raises bar

By Kendahl Johnson
Discovery editor

For some people, the term "computer geek" holds mostly negative connotations, but one Brooks City-Base Airman wears the moniker with pride, like a badge of honor.

Senior Airman Robert Zupko of the Air Force Institute for Operational Health may have been labeled by some as a computer geek, but the more accurate term might be computer genius. He can navigate around a computer with perfection and reads books and literature on computer programming simply because he finds them "fascinating." His passion for the subject has paid great dividends, as he has turned his interest into a award-winning career and has raised the bar for future programmers.

Airman Zupko's fascination with computers began at an early age. "I originally got into computers back in grade school," he said. "We had an old Apple IIe computer and my math teacher would let me play around with it when I had my work done." From there he progressed to reading computer books while volunteering at the local library. Even his nickname – Radical Edward – is computer related, based on a character in the Japanese anime "Cowboy Bebop" who at just 13 years old is a computer hacker and genius. "My college buddies said I had the same personality as the character – laid-back, slightly whimsical but really good at what I do."

The Airman was born in Colorado Springs, Colo., but spent much of his early youth moving around. Eventually, his family settled in Carrollton, Texas, where he went to The Colony High School, graduating after just three years. Following a short stint at Kettering University (Mich.), he transferred to Clarion University in Pennsylvania to study computer science. After one and half years of schooling, he decided to enlist in the Air Force in September 2002.

"I joined the Air Force for a variety

of reasons," he said. "I wanted to do something productive and contribute back to society. Another reason was to get out there and see the world, but so far all I have seen is Texas."

Airman Zupko knew he wanted to continue to work with computers. During basic training, he was offered a position as a computer programmer, which was a critical need skill at the time. His first duty assignment was to Brooks working for the AFIOH, primarily working with medical information databases. "I'm either working with information from radiation testing, or I am developing applications for a network environment."

Although his career has been brief, Airman Zupko has already made a name for himself. He has won several prestigious awards, both at the base level and the Air Force level. He was both the AFIOH and the 311th Human Systems Wing Airman of the Quarter for the first quarter of the 2004, as well as a Below-the-Zone promotion in the same year. He also won the Air Force Surgeon General Medical Information Systems Airman of the Year award. Most recently, he earned the Air Force Sergeant's Association (Div. 610) first term Airman of the Year award.

He is enjoying his military career, but is uncertain about his future. "It is still too early in my career to say what my plans are for the future," he said. "Today if someone were to walk up to me and say 'It's been four years – would you like to reenlist?', I would probably say yes, but it's pretty certain that things will change between now and then with BRAC and force shaping, and that will make for an interesting experience."

One thing is certain, that no matter what his future holds it will involve

computers. "When I'm not creating databases for work I am usually at home writing databases for someone else," he said. He also dabbles in graphic design and programming games.

Currently, he is learning terrain artistry. "There's a computer program I use called Terragen that allows you to create terrains. Basically, if you can visualize the terrain, you can create it exactly how you want it to look like."

Although Airman Zupko is generally a reserved, thoughtful individual, when discussing the capabilities of a computer and his own programming efforts, he

becomes excited, even animated. With comfort and ease, he discusses the challenges involved in rendering computer graphics and elaborates on the science and

Part of the appeal of computers is that if you can visualize something you want to see or do, you can do it. It's just a matter of having the talent and knowledge to make it happen.

Senior Airman Robert Zupko
Air Force Institute for Operational Health

math involved in programming and designing virtual environments, indicating that this is a positive aspect rather than what many would consider a drawback.

Airman Zupko is continuing his education, studying both computer science and psychology at both Upper Iowa University and Palo Alto College. He feels the combination will be beneficial in helping him achieve his long term goal of developing artificial intelligence. "I find psychology interesting, but it also gives you an edge when working on artificial intelligence because you understand the process by which people think."

One thing is certain, if something can be accomplished by computer, no matter how difficult, Airman Zupko will find a way to do it. "Part of the appeal of computers is that if you can visualize something you want to see or do, you can do it. It's just a matter of having the talent and knowledge to make it happen." And this computer "geek" has plenty of both.

Photo by Staff Sgt. Alfonso Ramirez Jr.





AN AEROSPACE MEDICINE SERIES

ON THE CUTTING EDGE

Dawn of aviation medicine impacts future AF readiness

(Editor's note: This feature begins a comprehensive series that focuses on the enormous impact that Air Force vision and ingenuity has had in the development of lifesaving scientific medical advances and innovations whose legacy continues to benefit America's military and civilian community.)

By Rudy Purificato
311th Human Systems Wing

The winds of good fortune for the betterment of humanity did not begin blowing when Boston physician John Jeffries became the first American to ascend in a balloon in 1785. His initial atmospheric study, however, created a breeze that intensified a half-century later through French physician Paul Bert's comprehensive studies of health effects in flight. They both laid the foundation for an Air Force visionary's initiatives, who in lifting the wings of man to new heights, had claimed the right to be called "The Father of Aviation Medicine."

Michigan-born ophthalmologist Theodore Lyster set the stage as an aviation medicine pioneer for the marvels and discoveries Air Force medical science would later provide. They were born out of Dr. Lyster's unwavering commitment to aviator health and safety. The fledgling use of air power, he believed, would have inevitably faltered without resources and new ideas committed to pilot survival.

He also knew that perceptions had to be changed during an era where few knew about the medical aspects of flying. In "Medical Care of Flyers," Dr. Lyster observes, "The average man felt that fliers, after a course of personal instruction, should go out and fly, and that would be all there would be to it. We all now know differently."

Congress, too, had its collective heads in the clouds on issues of pilot performance when, in 1912, it reacted to the high rate of aviator fatalities by authorizing a flight pay bonus. That same year, the War Department inaugurated the first aviation medical exam. This specialized flight physical was more a cursory prerequisite in allowing pilots "to fly by the seat of their pants," than what it should have been as a diagnostic tool to safeguard lives.

During World War I, the Army Signal Corps used this exam to qualify pilot candidates for flight duty. Dr. Lyster revised it after he became the Signal Corps Aviation Section's first chief surgeon in 1917. The exam's deficiencies had been exposed that year in a Journal of Heredity article by University of Pittsburgh professor Roswell Johnson who cited the folly of an Army regulation. It prescribed: "The mental exam may be omitted, but the equivalent of a college education will be required."

Professor Johnson noted, "Roughly, of course, a college education indicates an individual must belong to a certain mental grade of intelligence to have survived the process, but the qualifications necessary for an aviator are not those necessary to have survived a college education." Appointed to head the Aeronautical Medical Research Board, Dr. Lyster focused on "investigating all conditions affecting the physical efficiency of pilots to carry out experiments and tests at different flying schools."

His vision for creating America's first aviation medical research facility, dedicated to flight's physiological and psychological problems, was influenced

by British wartime aviation fatalities and the appallingly high death rate from training accidents that eclipsed combat losses. A British study had revealed aviator physical defects accounted for 60 percent of pilot deaths during the first year of the war. By comparison, only nine percent of aviators died due to pilot error. The study led to the British "Care of the Flyer" program that inspired Dr. Lyster's flight surgeon concept.

By 1918, Dr. Lyster had established the Air Service Medical Research Laboratory at Hazelhurst Field in Mineola, N.Y. This lab standardized aviator medical exams that supported a new pilot selection and classification process. Dr. Lyster wrote, "Pilots having reached this point in their development now demand the most expert care to make them daily efficient in the air. The grade of flight surgeon was created for this special purpose."

The Flight Surgeons School established there in 1919 had evolved by 1922 into what would become the Air Force's oldest existing school – the School of Aviation Medicine, today known as the U.S. Air Force School of Aerospace Medicine.

The genesis for this endeavor is rooted to what the British journal "The Lancet" suggested in a 1918 article that promoted the efficient selection and

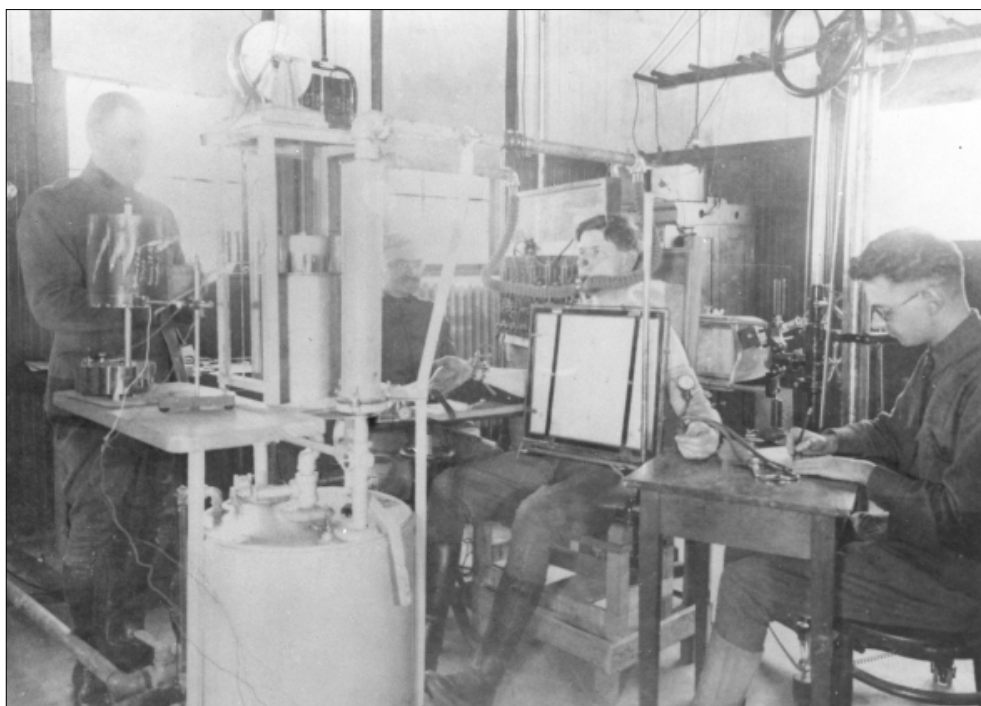
care of flying officers: "It is true that standards have been set, but it must be remembered that at present these are mainly tentative and theoretical, and evolved for the most part by medical men who have no practical knowledge of aviation."

Dr. Lyster's organization, while not universally hailed as the solution to aviator problems, nonetheless, had its supporters. Among them was a future Air Force Surgeon General, then Maj. Malcolm Grow, who wrote, "It has been learned that the development of certain defects, or conditions, which are ordinarily considered as unimportant when found among the personnel of other branches of the service, may render an airplane pilot wholly unfit for the piloting of military aircraft safely. Consequently, there has been evolved more or less gradually a different set of physical requirements for the military aviator."

Col. William Owen, curator of the Army Medical Museum that is the Armed Forces Institute of Pathology's predecessor, hailed Dr. Lyster's initiatives. He summed up his organization's support for the Mineola Lab in a June 1918 letter to U.S. Sen. George Chamberlain, "The aeroplane does not fail in its construction nearly so often as the physical condition of the 'aeroplaner'."



Courtesy Photo
Brig. Gen. Theodore Lyster, former chief surgeon of the Army Air Service during World War I, is known as the father of aviation medicine.



Courtesy Photo
A School of Aviation Medicine test subject "takes a breather" during a 1918 experiment. The subject's blood pressure and respiration were recorded.



Courtesy Photo
A test subject administered "the falling test" in the Jones-Barany Chair during an examination conducted in 1918 at the School of Aviation Medicine at Hazelhurst Field, Mineola, Long Island, N.Y.



Entertainment
Page



Entertainment
Page



A LOOK at BROOKS

What is your
favorite board
game and why?



Master Sgt.
Richard Sanchez
433rd MXS

Checkers — It's a simple
game but is still exciting.



Master Sgt. John Yevick
311th HSW/XP

Monopoly — It's always
fun to pretend to be
Donald Trump and buy
real estate with plenty of
cash.



Airman 1st Class
Jaimeeca Robinson
311th MSG

Clue — I enjoy the
mystery of trying to solve
the crime; it's like I am
an amateur CSI.



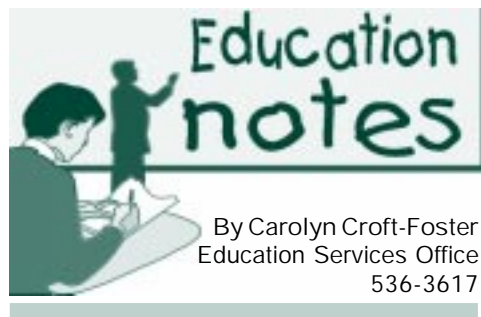
Airman Daryl Jankowski
USAFSAM

Cribbage — It's a game
of skill and it's a fun
pastime.



Lt. Col. Sara Ramirez
311th HSW/IG

Star Trek Monopoly — I'm
a die hard fan of Star Trek
and Monopoly is the
board game my siblings
and I used to play and it
brings back good family
memories.



AWC Nonresident Seminar

Recruiting for the academic year 2005-06 Air War College Nonresident Seminar Program is underway. Seminar meetings will be held weekly starting in early August and run until mid-June 2006. The AWC Nonresident Studies Seminar Program is open to active duty, National Guard and Reserve colonels, lieutenant colonels and lieutenant colonel-selectees (or their equivalents) of any component of the US Armed Forces and civilian employees GS/GM-13 or above. At least eight people are required to form a seminar. Students with term credit from other editions may

also enroll and should check with an AWC faculty advisor for details.

For those students who cannot take advantage of the Seminar Program, the Correspondence Program is also available for immediate enrollment. Correspondence students have six months to complete each term in the three-term core program with the required elective completed sometime during this 18-month period. Applications are available at <http://www.maxwell.af.mil/au/awc/ns/ns-enroll.htm>. Bring completed applications to Education Services located in Bldg. 558 or call 536-3618 for more information.

ACSC Nonresident Seminar

The Education and Training Center is now seeking eligible candidates — major, major-selectees, GS-11 and above — for the Air Command and Staff College nonresident seminar program. Nonresident Seminars meet for 11 months each week from August through June 2006. The course grants Phase 1 Joint PME credit, intermediate service school credit, up to 27 semester hours of graduate course

work and reserve points as determined by AFPC. Seminars need eight enrollments per site. To register, visit Education Services in Bldg. 558 to complete an ACSC Application or call 536-3618 for more information.

ACCD Fall On-Base Classes

Registration is underway for Alamo Community College District classes offered at Brooks City-Base for Fall 2005 Term 1. Students can enroll in English 1301 or Speech 1311. Both classes meet CCAF requirements. For more information or to schedule an appointment with the ACCD representative Rose Medrano, call 536-3617

National Graduate School of Quality Management

The National Graduate School of Quality Management is now accepting applications for a masters program scheduled to start June 20. Classes will be held Mondays from 6 to 10 p.m. at KellyUSA. Students will earn a master's degree in quality systems management. A masters business project

replaces a thesis. The institution is regionally accredited and eligible students can apply for tuition assistance. For more information, a representative visits Brooks on Wednesdays. Call 536-3617 to schedule an appointment.

Applying for tuition assistance

Air Force members at Brooks City-Base preparing to register for college courses and request Air Force tuition assistance are encouraged to apply on-line using the Air Force Virtual Education Center. Air Force members will no longer need to access the Brooks home page to apply for tuition assistance, but can accomplish this request directly through AFVEC.

AFVEC is the Air Force's premier site for providing information about educational information and benefits. The purpose of this site is to provide students one-stop-shopping for all higher education needs. AFVEC also offers a wide array of on-line services. Students may access AFVEC directly via the website at <https://afvec.langley.af.mil>



Systems Group chief saw boxing history at Stillman's Gym

By Rudy Purificato
311th Human Systems Wing

Joe Louis and Jack Dempsey trained there, as did every great fighter during the 40-plus year reign of Stillman's Gym as the undisputed center of the boxing universe. Cast into this three-ring-circus of a New York City landmark was a young adolescent from Virginia who today, as a Brooks City-Base employee, is as far removed from that bygone rough and tumble world as the earth is from the sun.

In 1956 at age 12, Elton Hudgins had become part of the boxing culture at Stillman's Gym. Working for the gym's notorious owner Lou Stillman, the young son of the south soaked up the sights, smells and sounds there as fast as the step tic sticks he fetched helped absorb fighters' blood.

"I ran wild up there," admits Mr. Hudgins in describing his three summers at Stillman's. "My uncle Si Perkins and Lou Stillman were friends. They had known each other as cops," recalls Mr. Hudgins who is the Human Systems Group's Chief of Technology Programs.

Mr. Hudgins was considered kin by the hard-as-nails gym proprietor he called Uncle Lou. "I was quasi-family. He knew my mother was a Stillman. That's why he tolerated me."

His late mother Jean Ann Stillman was the niece of Marshall Stillman, owner of Stillman's Freckle Cream and founder of the gym in 1919. The millionaire philanthropist hired Louis Ingber, who changed his name to Stillman, to run the gym to keep wayward youth off the streets.

By the 1930s, Lou Stillman owned the boxing enterprise that was located two blocks from the original Madison Square Garden, a landmark venue for many of boxing's greatest matches. From the 1920s to the 1960s, fighters who had bouts at the Garden trained at Stillman's.

"The fighter I remember (most) is Sugar Ray Robinson. Everybody stopped to watch him train," Mr. Hudgins said. Among boxing's greatest fighters who he saw work out there were Rocky Graziano, Ezzard Charles, Carl 'Bo Bo' Olson, Kid Gavilan and Jersey Joe Walcott.

"Jersey Joe was in great shape for a guy in his 40s. He was not like the other fighters who were there to prepare for a fight. He came to the gym regularly just to keep in shape," the SPO chief remembers.

To the kid from Virginia, Stillman's was like a movie set. Actually, this grimy, stinking hotbox was the backdrop for the film "Guys & Dolls." In reality, it harbored a colorful assortment of Damon Runyon-like characters, some

of who Mr. Hudgins called Whitey, Pinky and Lollipop. Bookies, mobsters, entertainers and gamblers flocked to the gym where a continuous dice game drew as much of a crowd as Graziano turning a sparring partner into a side of beef. "You'd pay 'juice' (a quarter) to get into the game," recalls Mr. Hudgins.

The gym provided quite an education "in the school of hard knocks" for Mr. Hudgins who learned not to take deep breaths in the stale, suffocating air. He worked 12-hour days, seven days a week for half a dozen weeks. He did the dirtiest of work at a place he described as smelling like a gym sock.

"I washed hundreds of towels every day. Stillman charged a nickel a towel," says Mr. Hudgins. Stillman was an uncompromising taskmaster and hardnosed businessman.

"I earned my 50 cents an hour," says Mr. Hudgins who swept up endless piles of cigar and cigarette butts, fetched water in buckets, pasted up boxing posters that promoted Friday night fights and supplied Stillman's daily diet of hot deli sandwiches. His boss sometimes rewarded the lad with tickets to Yankees games and Broadway shows. The boy accepted the gifts as well as Stillman's quick temper. "He'd get angry at me and explode. Ten minutes later everything was alright (again)," he says.

Stillman worked 18-hour days. Mr.



Photo by Rudy Purificato

Brooks employee Elton Hudgins remembers when his father boxed Jack Dempsey, depicted here training at Stillman's Gym.

Hudgins sometimes slept there overnight on a massage table. Nobody violated gym rules, especially paying the 25-cent entry fee.

"He treated everybody equally bad," Mr. Hudgins says of Stillman who packed a .38 revolver. While Stillman's pecking order had the top fighters training in the better of two side by side rings, he didn't hesitate to curse out champs like Graziano.

"It was exciting. I learned my first cuss words there. I also learned that I never wanted to become a fighter. It's brutal."

Club fighters who trained there were

the sport's most pitiful victims. "You'd see these guys all beat up." Bad blood inevitably led to grudge matches where fighters wore 8-ounce gloves, used for training on heavy bags, instead of regulation 16-ounce gloves.

"These grudge matches were controlled mayhem. People tossed empty beer bottles into the ring," he said.

Like his father, Elton Hudgins Sr., who once fought Jack Dempsey while in the Navy, Mr. Hudgins escaped the fight game without being knocked out.

Former boxing champ threw weight around at Brooks

By Rudy Purificato
311th Human Systems Wing

Nine years removed from the title fight that he had lost to 'Cinderella Man' James Braddock, former world heavyweight boxing champ Max Baer clowned his way into the hearts of his Brooks Field following.

Having enlisted in the Army after retiring from the ring in 1941, Staff Sergeant Baer visited Brooks and Kelly Fields as part of a morale-boosting tour of military bases during World War II.

The former champ showed a softer side to his bruising personality when he entertained the troops here on March 3-4, 1944. The fighter made stops at the base hospital, flight line, mess hall and gym.

It was at the gym where he really turned on his high-energy antics, teaming with Hollywood actor Frank McHugh in a comedy routine that had the crowds howling. McHugh, who co-starred as a priest with Bing Crosby in the classic movie "Going My Way," however, declined to climb in the ring with Baer.

Some of Brooks Field's top amateur boxers, nevertheless, experienced one of the biggest thrills of their young lives during exhibition bouts officiated by referee Baer.

Baer's contributions to the war effort have since faded with time, as has his post-boxing career as a nightclub, movie and TV star. If not for the recent book and movie "Cinderella Man," few outside the boxing world remember him other than being the father of an actor by the same name who portrayed buffoon Jethro Bodine in TV's 1960s sitcom "The Beverly Hillbillies."

"Cinderella Man's: James Braddock, Max Baer and the Greatest Upset in Boxing History," which was written by Jeremy Schaap, provides only a snapshot into Baer's life, cut short by excess and adversity.

Born Maximillian Adalbert Baer on Feb. 11, 1909 in Omaha, Neb., the future champ dropped out of the 8th grade to work with his father on a cattle ranch. It was there where he developed his great strength. He turned pro in 1929 and by 1933 had developed a reputation as a hard puncher.

He became a contender after pounding former heavyweight champ Max Schmeling during a match at Yankee Stadium. His performance against Schmeling earned him a title fight against the world champ, Italian giant Primo Carnera on June 14, 1934.

Carnera, who at 6'7" and 270 pounds was the biggest heavyweight champ in history, was no match for Baer's brutal assault.



Courtesy photo

Former boxing champion Max Baer visited Brooks Field in the 1940s to officiate several exhibition boxing matches.

Baer floored Carnera 12 times in 11 rounds to win the heavyweight title on a technical knockout. Ironically, Braddock had fought on the under card that night at the Madison Square Garden Bowl.

Baer would lose his heavyweight crown in his first title defense to Braddock in 1935. It remained the biggest upset in boxing history until Buster Douglas beat defending champ Mike Tyson for the heavyweight title in 1990.

Critics claim that Baer's preference for clowning and wise-cracking in and outside the ring prevented him from fulfilling his potential. He finished his pro career at 70-13-0, joining an elite few in boxing history to have more than 50 wins by knockout.

While Baer craved attention, especially from admiring fans such as the ones he encountered at Brooks, he died alone. Death came by heart attack in a Hollywood hotel room on Nov. 21, 1959. Wise-cracking to the end during a phone conversation with the hotel operator who asked if he wanted the house doctor, Baer's last words were: "No - I need a people doctor."

In 1995 Baer was posthumously inducted into the International Boxing Hall of Fame.











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